

ABSTRACT OF THE DISCLOSURE

A ceiling tile system comprises modular acoustic light-emitting modules which can be of a standard size to be fitted into a hung ceiling or other ceiling system in conjunction with similar acoustic light-emitting modules or conventional ceiling tiles. Each acoustic light-emitting module includes a backing panel, a cover, and a rigid spacing member extending between the backing panel and the cover, with solid state light-emitting elements such as light-emitting diodes (LEDs) arrayed within each module. The cover may be made of fabric including metallic threads to enhance the diffusion of light. In one embodiment, two arrays of LEDs are provided on respective modules. The arrays may be driven independently or together. The LEDs provide shades of white light or colored light, as desired. The cover and lighting elements may be readily removable from the backing panel for ease of maintenance.

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